

*Natural Gas
Corporation of
California*

November 30, 1984

Bureau of Land Management
Branch of Fluid Minerals
Vernal District
170 South 500 East
Vernal, UT 84078

Division of Oil, Gas & Mining
355 West North Temple
3 Triad Center, Suite 350
Salt Lake City, UT 84180-1203

Re: NGC #23-29-D Federal
NE SW Sec. 29, T.8S., R.18E.
Uintah County, UT
Pleasant Valley area

RECEIVED
DEC 03 1984

DIVISION OF
OIL, GAS & MINING

Gentlemen:

Natural Gas Corporation of California proposes to drill the subject well.
Enclosed are the following documents:

- 1) Application for Permit to Drill
- 2) Ten Point Plan
- 3) 13 Point Surface Use Plan
- 4) Surveyor's Plat

Your early consideration and approval of this application would be appreciated. Please contact this office if you have any questions concerning this application.

Sincerely,

William A. Ryan

William A. Ryan
Petroleum Engineer

/kh

Encls.

cc: P. Roberts
S. Furtado
Land Dept.
L. Jorgensen

85 South 200 East
Vernal, Utah 84078
(801) 789-4573

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

APPLICATION FOR PERMIT TO DRILL, DEEPEN, OR PLUG BACK

1a. TYPE OF WORK
DRILL ☒ DEEPEN ☐ PLUG BACK ☐

b. TYPE OF WELL
OIL WELL ☒ GAS WELL ☐ OTHER ☐ SINGLE ZONE ☐ MULTIPLE ZONE ☐

2. NAME OF OPERATOR
Natural Gas Corporation of California

3. ADDRESS OF OPERATOR
85 South 200 East, Vernal, UT 84078

4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.)*
At surface 1853' from the west line, 1870' from the south line
NE $\frac{1}{4}$ SW $\frac{1}{4}$
At proposed prod. zone

14. DISTANCE IN MILES AND DIRECTION FROM NEAREST TOWN OR POST OFFICE*
10 miles ^{50'} from Myton, Utah

15. DISTANCE FROM PROPOSED*
LOCATION TO NEAREST
PROPERTY OR LEASE LINE, FT.
(Also to nearest drlg. unit line, if any) 660

16. NO. OF ACRES IN LEASE
1120

17. NO. OF ACRES ASSIGNED
TO THIS WELL 4

18. DISTANCE FROM PROPOSED LOCATION*
TO NEAREST WELL, DRILLING, COMPLETED,
OR APPLIED FOR, ON THIS LEASE, FT. 2 miles
southeast

19. PROPOSED DEPTH
6250'

20. ROTARY OR CABLE TOOLS
X

21. ELEVATIONS (Show whether DF, RT, GR, etc.)
4914' Un. Gr.

22. APPROX. DATE WORK WILL START*
December 15, 1984

23. PROPOSED CASING AND CEMENTING PROGRAM

SIZE OF HOLE	SIZE OF CASING	WEIGHT PER FOOT	SETTING DEPTH	QUANTITY OF CEMENT
12-1/4	8-5/8	24#	270	To surface
7-7/8	5-1/2	15.5#	T.D.	As required to protect the producing zones and cover the top of the oil shale.

RECEIVED
DEC 03 1984

APPROVED BY THE STATE
OF UTAH
OIL, GAS & MINING
DATE 12/17/84
BY John R. Bane

DIVISION OF
OIL, GAS & MINING

IN ABOVE SPACE DESCRIBE PROPOSED PROGRAM: If proposal is to deepen or plug back, give data on present productive zone and proposed new productive zone. If proposal is to drill or deepen directionally, give pertinent data on subsurface locations and measured and true vertical depths. Give blowout preventer program, if any.

24. SIGNED William A. Bane TITLE Petroleum Engineer DATE 11/30/84

(This space for Federal or State office use)

PERMIT NO. APPROVAL DATE

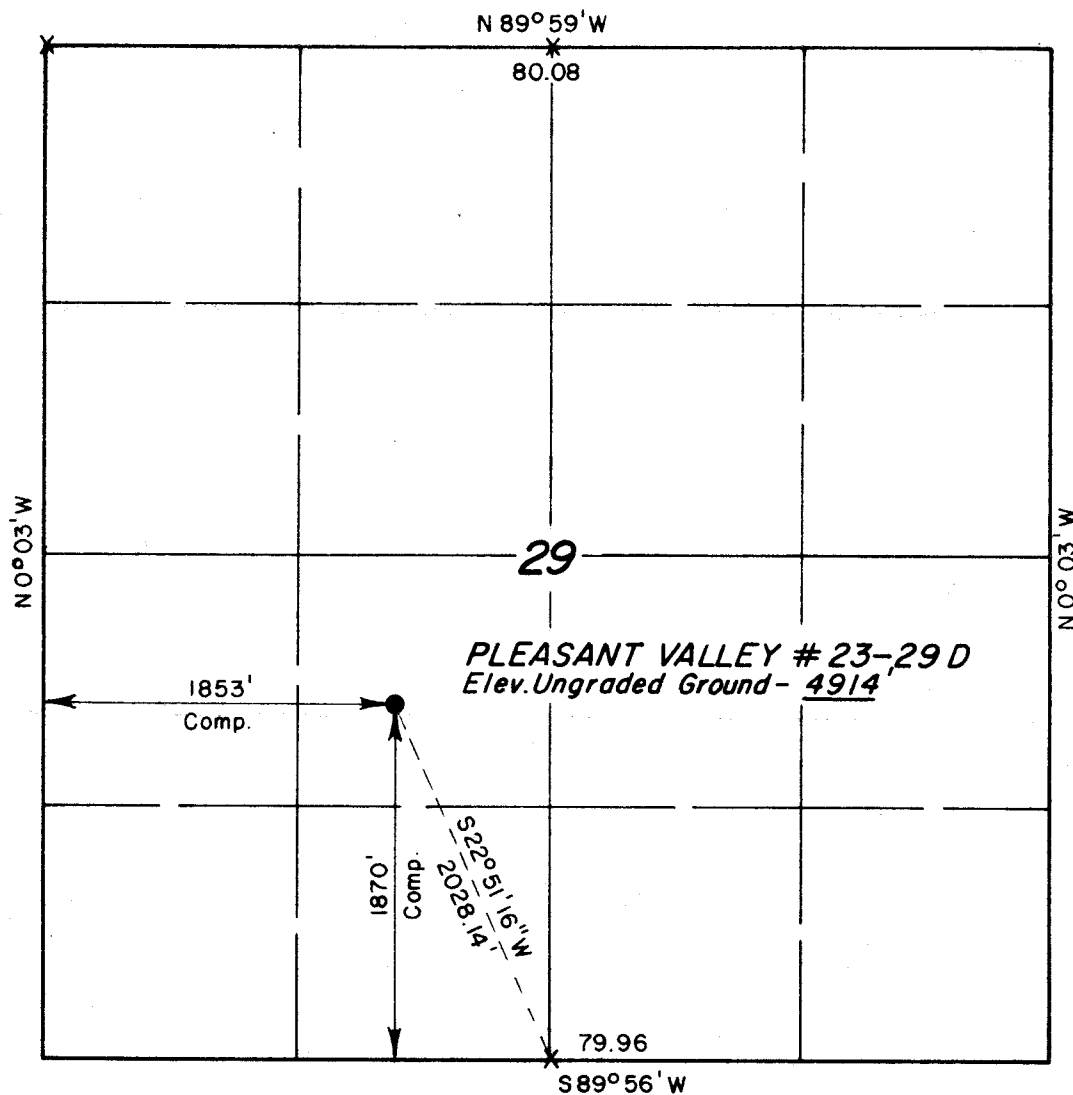
APPROVED BY TITLE DATE
CONDITIONS OF APPROVAL, IF ANY:

*See Instructions On Reverse Side

T8S, R18E, S.L.B. & M.

PROJECT
NATURAL GAS CORP.

Well location, *PLEASANT VALLEY # 23-29 D*,
located as shown in the NE 1/4 SW 1/4, Section 29,
T8S, R18E, S.L.B. & M., Uintah County, Utah.



X = Located Section Corners



CERTIFICATE

THIS IS TO CERTIFY THAT THE ABOVE PLAT WAS PREPARED FROM
FIELD NOTES OF ACTUAL SURVEYS MADE BY ME OR UNDER MY
SUPERVISION AND THAT THE SAME ARE TRUE AND CORRECT TO THE
BEST OF MY KNOWLEDGE AND BELIEF

[Signature]
REGISTERED LAND SURVEYOR
REGISTRATION NO 2454
STATE OF UTAH

UINTAH ENGINEERING & LAND SURVEYING
P O. BOX Q - 85 SOUTH - 200 EAST
VERNAL, UTAH - 84078

SCALE	1" = 1000'	DATE	11-14-84
PARTY	R.K., J.F. DLS	REFERENCES	GLO Plat
WEATHER	Prt. Cloudy	FILE	Uintah

Company Natural Gas Corp. of California Well No. 23-29-D
Location C NE SW Sec.29, T8S-R18E Lease No. U - 51081
On Site Inspection Date 11-13-84

All lease and/or unit operations will be conducted in such a manner that full compliance is made with applicable laws, regulations (43 CFR 3100), Onshore Oil and Gas Order No.1, and the approved plan of operations. The operator is fully responsible for the actions of his subcontractors. A copy of these conditions will be furnished to the field representative to insure full compliance.

A. DRILLING PROGRAM

1. Surface Formation and Formation Tops:

<u>Formation</u>	<u>Depth</u>	<u>Datum</u>
Uintah	Surface	4927'
Green River	1712'	3215'
Douglas Creek	4945'	-18'
TD	6250'	-1323'

2. Estimated Depth at Which Oil, Gas, Water, Or Other Mineral Bearing Zones Are Expected To Be Encountered:

	<u>Formation</u>	<u>Zone</u>
Oil Zones	Douglas Creek	5031-36, 5140-45, 5264-69, 5843-48, 5894-99
Gas Zones	None	-
Water Zones	None	-
Mineral Zones	Oil Shale	Top - 1712'

All fresh water and prospectively valuable minerals encountered during drilling, will be recorded by depth and adequately protected. All oil and gas shows will be evaluated to determine commercial potential.

3. Pressure Control Equipment:

A 3000 psi WP BOP system as illustrated in the attached diagram will be installed and tested to 2000 psi for 15 minutes prior to drilling out from under surface casing. Pipe rams will be checked daily as will blind rams each time the pipe is pulled out of the hole. The district office of the BLM should be notified, with sufficient lead time, in order to have a BLM Representative on location during pressure testing.

4. Casing Program

<u>Hole Size</u>	<u>Casing Size and Wt.</u>		<u>Setting Depth</u>	<u>New/Used</u>
12-1/4"	8-5/8"	24#	270'	New
7-7/8"	5-1/2"	15.5#	TD	New

Surface casing will be cemented to surface. The production string will be cemented to the oil shale top.

5. Mud Program

<u>Interval</u>	<u>Mud Wt.</u>	<u>Viscosity</u>	<u>Fluid Loss</u>	<u>Mud Type</u>
0-300	-	-	-	Air
300-TD	8.3	27	No Control	Water

No chromate additives will be used in the mud system without prior BLM approval.

6. Auxiliary Equipment

a) Upper Kelly Cock b) Drill Pipe Float c) Full Opening Stabbing Valve d) Mud Logging Unit on at 3500'.

7. Testing, Coring, Sampling, And Logging:

a) Testing: None anticipated
b) Coring: None
c) Sampling: 30' interval to 3500, 10' interval to TD
d) Logging:

<u>Type</u>	<u>Interval</u>
DIL W/GR and SP	TD - 270'
FOC/CNL W/GR	TD - 3500'
Proximity-Micro Log	
W/GR and CAL	TD - 270'

8. Abnormal Conditions:

Normal temperature and pressure gradients are expected. No hazardous gases have been encountered in this area at this depth.

9. Anticipated Starting Date:

As soon as possible after examination and approval of drilling requirements.

No location will be constructed or moved, no well will be plugged, and no drilling or workover equipment will be removed from a well to be placed on suspended status without prior approval of the AO. If operations are to be suspended, prior approval of the AO will be obtained and notification given before resumption of operations.

The spud date will be reported to the AO within 48 hours after spudding. If the spudding occurs on a weekend or holiday, the report will be submitted on the following regular work day.

In accordance with onshore oil and gas order No.1, this well will be reported on form 9-329 "Monthly Report of Operations", starting with the month in which operations commence and continue each month until the well is plugged and abandoned. This report is to be filed, in duplicate, with the Vernal BLM District Office, 170 South 500 East, Vernal, UT 84078.

Immediate Report: spills, blowouts, fires, leaks, accidents, or other unusual occurrences shall be promptly reported in accordance with the requirements of NTL-3A or its revision.

If a replacement rig is contemplated for completion operations, a "Sundry Notice" (Form 3160-5) to that effect will be filed, for prior approval of the AO, and all conditions of this approved plan are applicable during all operations conducted with the replacement rig.

Should the well be successfully completed for production, the AO will be notified when the well is placed in producing status. Such notification will be sent by telegram or other written communication, not later than 5 days after the date on which the well is placed on production.

Pursuant to NTL-2B, with the approval of the District Engineer, produced water may be temporarily disposed of into unlined pits for a period of up to 90 days. During the period so authorized, and application for approval of a permanent disposal method, along with the required water analysis and other information, must be submitted to the District Engineer.

Venting of gas will be in accordance with rule C-27 of the Utah Oil, Gas, and Mining Division and NTL-4A.

A facilities diagram as required by 43 CFR 3162.7-2, 3162.7-3, and 3162.7-4 shall be submitted to the appropriate district office within 30 days of installation or first production, whichever comes first. All site security regulations as specified in 43 CFR 3112.7 shall be adhered to. All product lines entering and leaving hydrocarbon storage tanks will be effectively sealed in accordance with 43 CFR 3162.7-4.

A first production conference will be scheduled within 15 days after receipt of the first production notice.

No well abandonment operations will be commenced without the prior approval of the AO. In the case of newly drilled dry holes or failures, and in emergency situations, oral approval

will be obtained from the SO. A "Subsequent Report of Abandonment" form 3160-5, will be filed with the AO within 30 days. Following completion of the well for abandonment. This report will indicate where plugs were placed and the current status of surface restoration. Final abandonment will not be approved until the surface reclamation work required by the approved APD or approved abandonment notice had been completed to the satisfaction of the AO or his representative, or the appropriate Surface Managing Agency.

Pursuant to Onshore Oil and Gas Order No.1, lessees and operators have the responsibility to see that their exploration, development, production, and construction operations are conducted in a manner which conforms with applicable Federal laws and regulations and with State and local laws and regulations to the extent that such State and local laws are applicable on Federal lands.

13 Point Surface Use Plan

1. Existing Roads:

See attached topographic map A.

To reach NGC Well #23-29-D, proceed west from Myton, Utah along U.S. Highway 40 for 1.5 miles to its junction with U.S. Highway 53. Proceed south two miles to its junction with County Road 216. Follow this road south and east approximately 15 miles then take the left road. Proceed 1.8 miles and turn left; proceed 1.5 miles and turn left; proceed 4.43 miles. The location will be 1000' north and west of this point.

2. Planned Access Road:

See attached topographic map B.

The proposed access road will be 1000' long and will be constructed to the following standards:

- 1) Width - The running surface will be 18 feet and the total disturbance width including the ditches will not exceed 40 feet.
- 2) Maximum grade - 2%.
- 3) Turnouts - None planned.
- 4) Drainage designs - Ditches will be constructed on each side of the road, V-shaped at 3:1 slopes.
- 5) Location and size of culverts, major cuts and fills - No major cuts or fills will be required. No culverts are planned.
- 6) Surfacing materials - None are planned.
- 7) Gates, cattleguards, or fence cuts - None.
- 8) The proposed road has been flagged.

3. Location of Existing Wells:

The following wells are located within a one mile radius of the location site.

- 1) Water wells - None.
- 2) Abandoned wells - None.
- 3) Temporarily abandoned wells - None.
- 4) Disposal wells - None.
- 5) Drilling wells - SE NW Section 29, T.8S., R.18E.
- 6) Producing wells - SW SE Section 29, T.8S., R.18E.
- 7) Shut-in Wells - None.
- 8) Injection wells - None.
- 9) Monitoring or observation wells for other resources - None.

4. Location of Tank Batteries and Production Facilities::

All permanent (on site for six months or longer) structures constructed or installed (including oil well pumpjacks) will be painted a flat, non-reflective, earthtone color to match the standard environmental colors, as determined by the Rocky Mountain 5 State Interagency Committee. All facilities will be painted within 6 months of installation. Facilities required to comply with O.S.H.A. (Occupational Safety and Health Act) will be excluded.

If a tank battery is constructed on this lease, it will be surrounded by a dike of sufficient capacity to contain $1\frac{1}{2}$ times the storage capacity of the battery.

Tank batteries will be placed on the north edge of the location between three and four on the location plat.

All loading lines will be placed inside the berm surrounding the tank battery.

All site security guidelines identified in 43 CFR 3162.7 regulations will be adhered to.

All off-lease storage, off-lease measurement, or commingling on-lease or off-lease will have prior written approval from the AO.

The oil and gas measurement facilities will be installed on the well location. The oil and gas meters will be calibrated in place prior to any deliveries. Tests for meter accuracy will be conducted monthly for the first three months on new meter installations and at least quarterly thereafter. The AO will be provided with a date and time for the initial meter calibration and all future meter proving schedules. A copy of the meter calibration reports will be submitted to the Vernal District Office. All meter measurement facilities will conform with the API standards for liquid hydrocarbons and the AGA standard for natural gas measurement.

5. Location and Type of Water Supply:

All water needed for drilling purposes will be obtained from Pariette Draw. Temporary Permit number T60528 47-1736.

6. Source of Construction Material:

All construction materials for this location site and access road will be borrow materials, accumulated during construction of the location site. No additional road gravels or pit lining material from other sources are anticipated at this time, but if they are required, the appropriate actions will be taken to acquire them from private sources.

The use of materials under BLM jurisdiction will conform to 43 CFR 3610.2-3.

7. Methods of Handling Waste Disposal:

The reserve pit will be lined with a plastic liner. A straw or bentonite pad may be used between the pit and the liner.

Burning will not be allowed. All trash must be contained and disposed of in a trash cage and hauled to a sanitary landfill.

Produced waste water will be confined to a (lined/unlined) pit for a period not to exceed 90 days after initial production. During the 90 day period an application for approval of a permanent disposal method and location, along with required water analysis, will be submitted for the AO's approval. Failure to file an application within the time allowed will be considered an incident of noncompliance, and will be grounds for issuing a shut-in order.

8. Ancillary Facilities:

Camp facilities will not be required.

9. Well Site Layout:

See typical rig layout. The reserve pit will be fenced on three sides during operations and on the fourth side when the rig is removed.

10. Plans for Restoration of Surface:

Immediately upon completion of drilling, the location and surrounding area will be cleared of all debris, materials, trash and junk not required for production.

Before any dirt work to restore the location takes place, the reserve pit must be completely dry and all cans, barrels, pipe, etc. will be removed. The pit liner will be shredded prior to backfilling the pit.

All disturbed areas not needed for production or workover will be recontoured to the approximate natural contours.

The stockpiled topsoil will be evenly distributed over the areas to be seeded. All areas to be reseeded will be scarified and left with a rough surface.

Seed will be broadcast or drilled at a time specified by the BLM. If broadcast, a harrow or some other implement will be dragged over the seeded area to assure seed coverage. Also, if broadcast, the amount of seed should be proportionately larger to total 14 lbs. per acre.

The seed mixture will be determined by the BLM at the time of restoration.

If the well is abandoned, the entire disturbed area (including roads) will be restored by: (1) backfilling; (2) recontouring; (3) topsoiling; (4) seeding. Specifically, the platform highwall(s) and road fill(s) will be eliminated by moving all excavated material back in place. Restoration of the location and access road not needed for production or production equipment will begin within 90 days after completion of the well, weather permitting. If the access road is restored, an attempt will be made to block road to restrict vehicle use.

11. Surface and Mineral Ownership:

Federal.

12. Other Information:

- 1) No known historical or archaeological sites are known to exist in this area. An archaeological survey has been conducted on the proposed location and access road and the area has been cleared. If any cultural resources are located during construction, all work will be stopped and the BLM notified.
- 2) Construction and maintenance of roads, rehabilitation of disturbed areas, and construction of pipeline routes should be in accordance with the surface use standards as set forth in the booklet "Surface Operating Standards for Oil and Gas Exploration and Development".
- 3) The dirt contractor will be furnished an approved copy of the surface use plan and any additional BLM stipulations prior to starting work.
- 4) The well is within the limits of the requirements of State Spacing Rule C-3.

13. Lessee's of Operators Representative and Certification

Representative

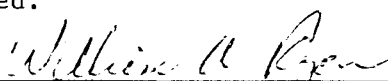
Name: William A. Ryan

Address: 85 South 200 East, Vernal, UT 84078

Phone No. (801) 789-4573

I hereby certify that I, or persons under my direct supervision, have inspected the proposed drillsite and access route; that I am familiar with the conditions which currently exist; that the statements made in this plan are, to the best of my knowledge and belief, true and correct; and that the work associated with the operations proposed herein will be performed by Natural Gas Corporation of California and its contractors in conformity with this plan and terms and conditions with this plan and the terms and conditions under which it is approved.

November 30, 1984
Date



William A. Ryan, Petroleum Engineer

ON-SITE

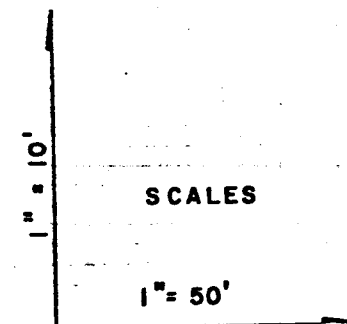
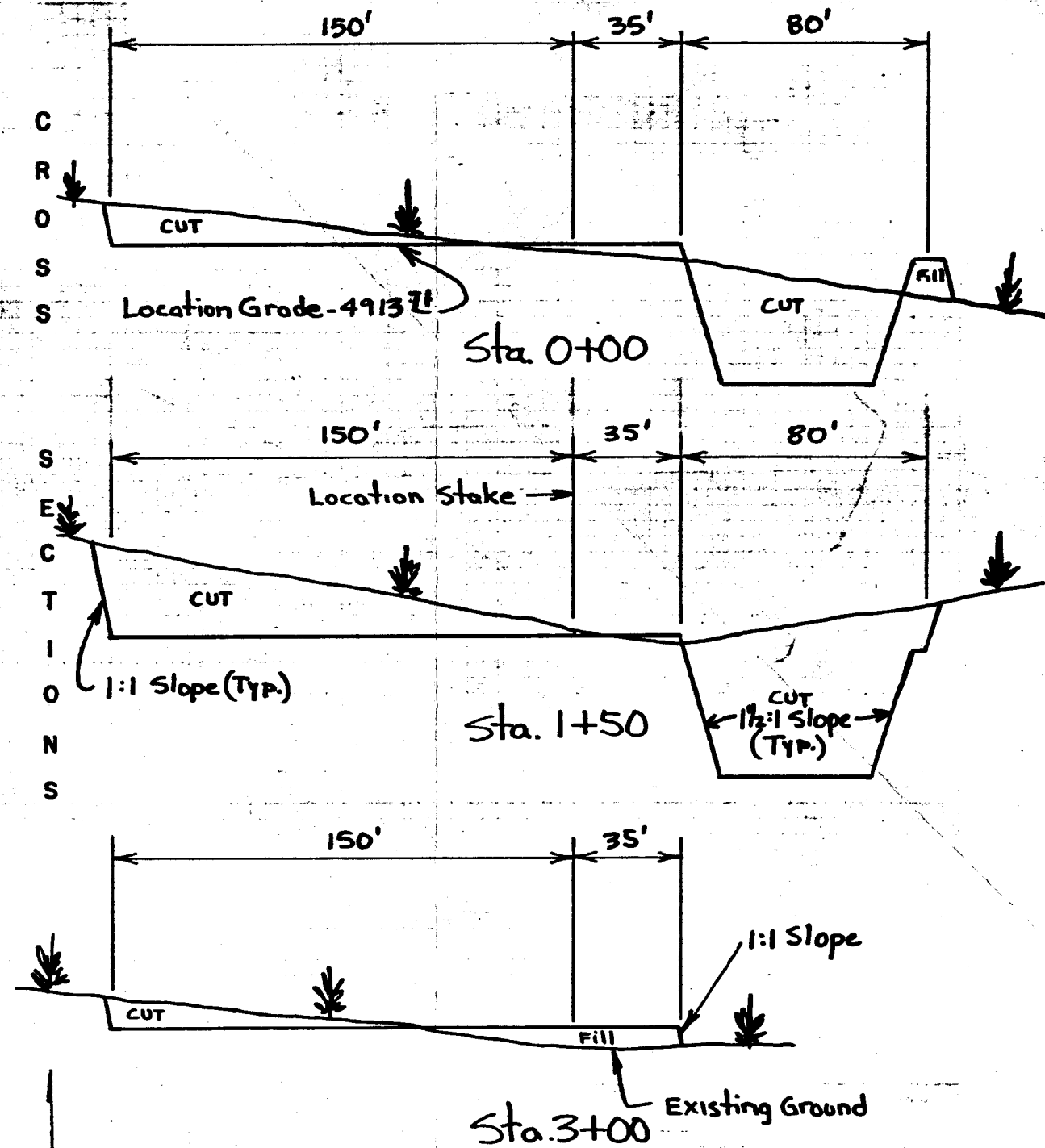
DATE: 11/13/84

PARTICIPANTS:

Eric Hadsell - Natural Gas Corporation of California
Amie Heuslein - BLM

NATURAL GAS CORPORATION

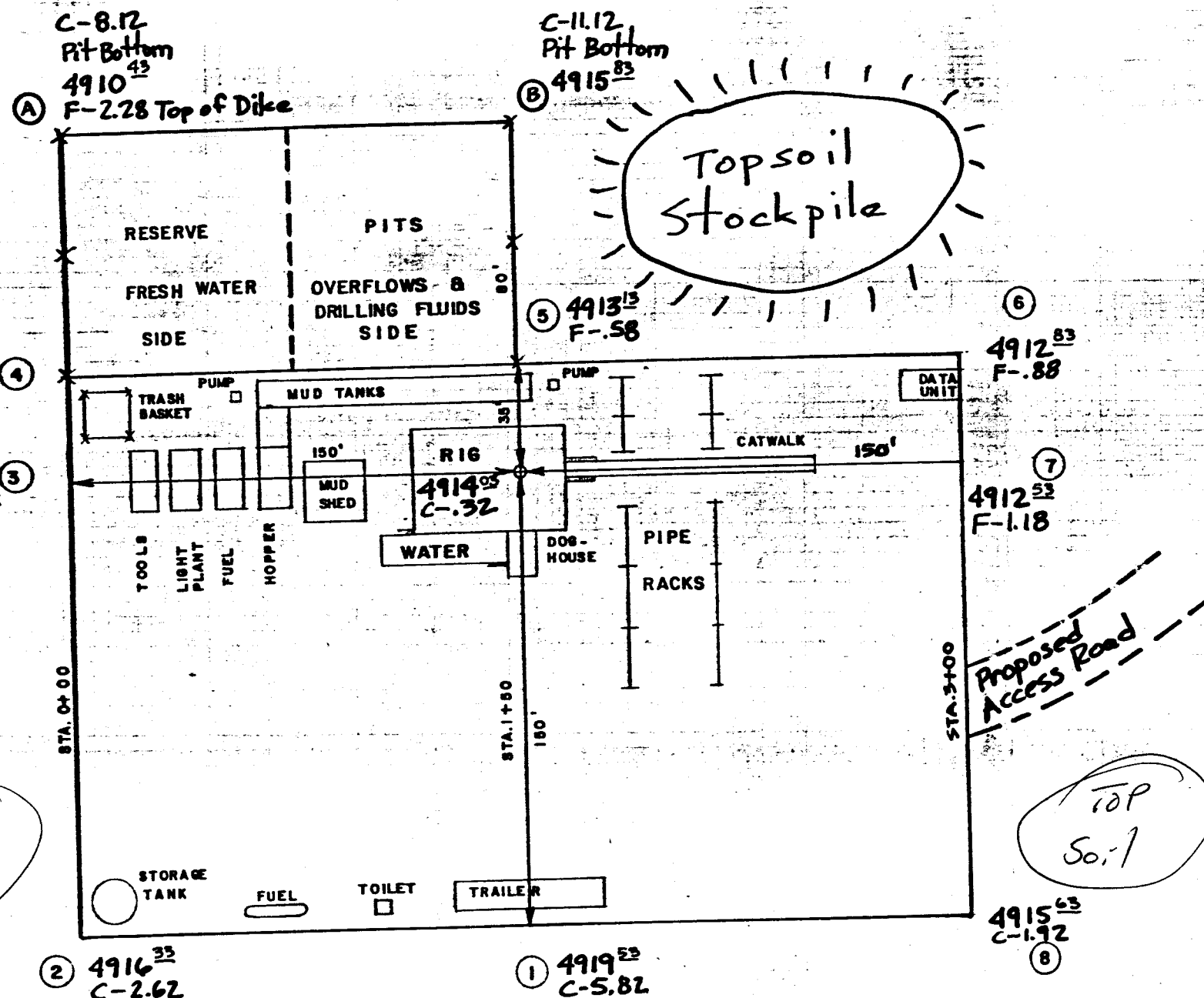
Pleasant Valley #23-29D



APPROXIMATE YARDAGES

Cubic Yards of Cut - 6651.51

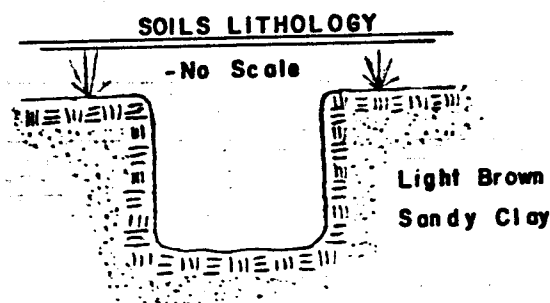
Cubic Yards of Fill - 461.46



North

Scale: 1" = 50'

Date: 11-14-84



NATURAL GAS CORP. OF CALIF.

PROPOSED LOCATION

TOPO.

MAP "B"

SCALE 1" = 2000'

ROAD CLASSIFICATION

Light duty road, all weather,
improved surface

Unimproved road fair or dry
weather

UTAH

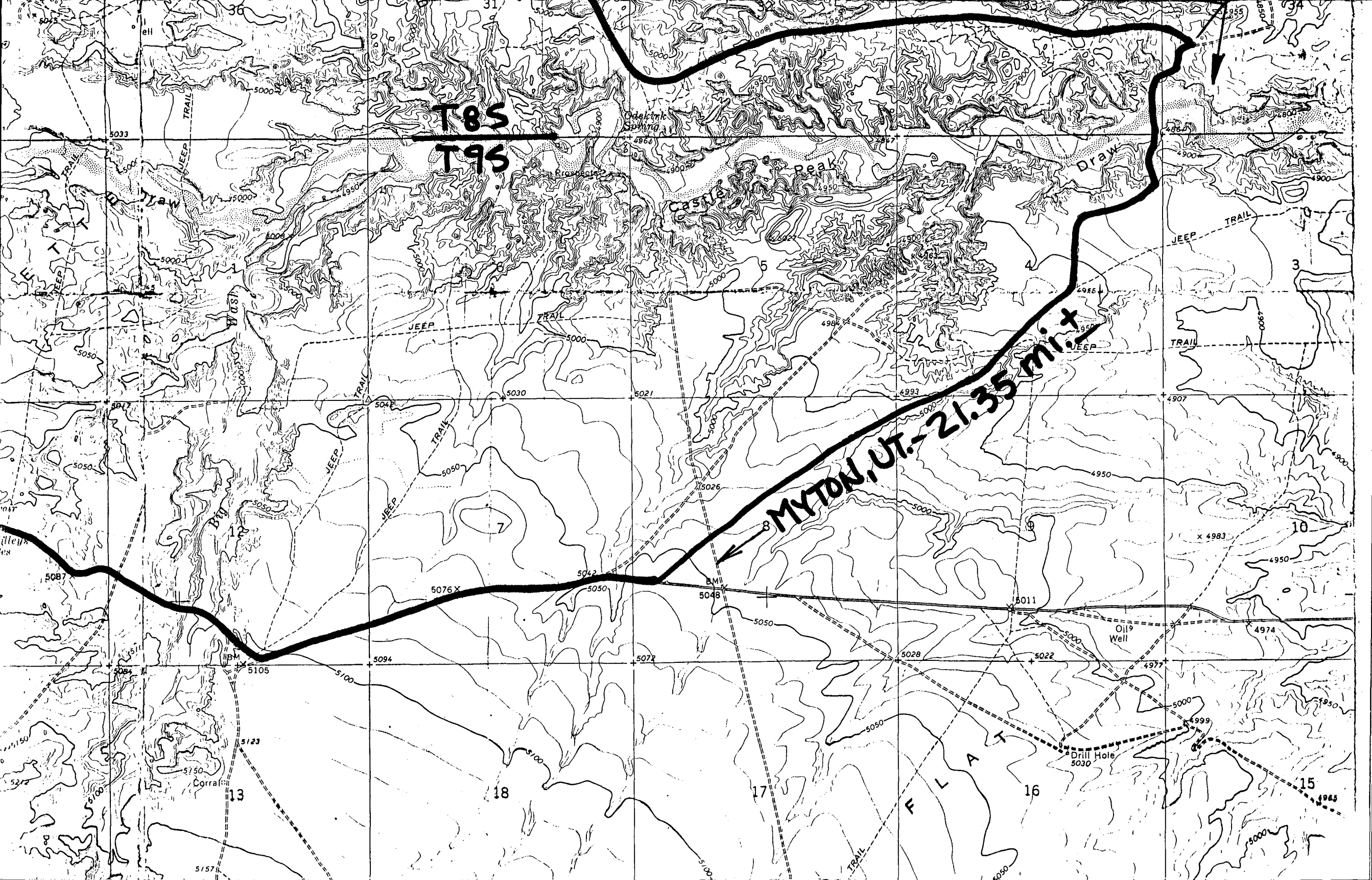
QUADRANGLE LOCATION

R
17
E
R
18
E

PROPOSED LOCATION
PLEASANT VALLEY #23-29 D

Proposed Access Road - 0.23 mi.

Existing Road - 4.43 mi.



PROPOSED LOCATION

TOPO.

MAP "A"

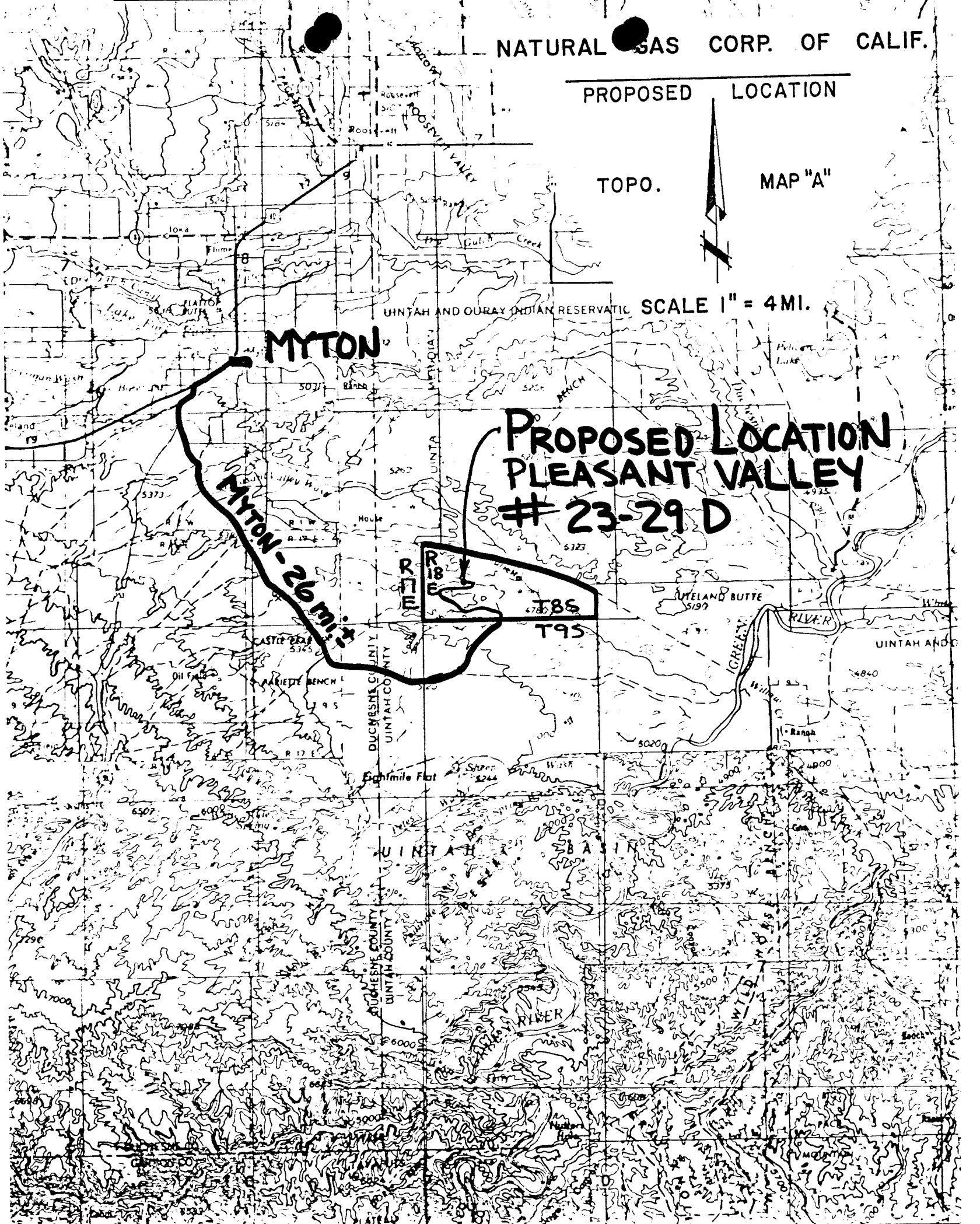
SCALE 1" = 4 MI.

MYTON

PROPOSED LOCATION
PLEASANT VALLEY
23-29 D

MYTON - 26 mi.

R 18 E
T 8 S
T 9 S



CONDITIONS OF APPROVAL FOR NOTICE TO DRILL

Company Natural Gas Corp. of California Well No. 23-29D
Location Sec. 29 T8S R18E Lease No. U-51081
Onsite Inspection Date 11-13-84

All lease and/or unit operations will be conducted in such a manner that full compliance is made with applicable laws, regulations (43 CFR 3100), Onshore Oil and Gas Order No. 1, and the approved plan of operations. The operator is fully responsible for the actions of his subcontractors. A copy of these conditions will be furnished the field representative to insure compliance.

A. DRILLING PROGRAM

All fresh water and prospectively valuable minerals (as described by BLM at onsite) encountered during drilling, will be recorded by depth and adequately protected. All oil and gas shows will be tested to determine commercial potential.

1. Pressure Control Equipment

The BOP stack shall be equipped with an annular, bag-type preventer. The annular preventer shall be tested to 1,500 psi.

BOP and choke manifold systems will be consistent with API RP 53. Pressure tests will be conducted before drilling out from under all casing strings which are set and cemented in place. Blowout preventer controls will be installed prior to drilling the surface casing plug and will remain in use until the well is completed or abandoned. Preventers will be inspected and operated at least daily to ensure good mechanical working order, and this inspection recorded on the daily drilling report. Preventers will be pressure tested before drilling casing cement plugs.

2. Casing Program and Auxiliary Equipment

The District Office should be notified, with sufficient lead time, in order to have a BLM representative on location while running all casing strings and cementing.

3. Coring, Logging and Testing Program

Daily drilling and completion progress reports shall be submitted to this office on a weekly basis.

Whether the well is completed as a dry hole or as a producer, "Well Completion and Recompletion Report and Log" (Form 3160-4) will be submitted not later than 30 days after completion of the well or

after completion of operations being performed, in accordance with 43 CFR 3164. Two copies of all logs, core descriptions, core analyses, well-test data, geologic summaries, sample description, and all other surveys or data obtained and compiled during the drilling, workover, and/or completion operations, will be filed with Form 3160-4. Samples (cuttings, fluids, and/or gases) will be submitted when requested by the authorized officer (AO).

4. Notifications of Operations

The oral spud report will be followed up with a Sundry Notice.

Pursuant to NTL-4A, lessees or operators are authorized to vent/flare gas during initial well evaluation tests, not exceeding a period of 30 days or the production of 50 MMCF of gas, whichever occurs first. An application must be filed with the District Engineer and approval received, for any venting/flaring of gas beyond the initial 30 day or authorized test period.

B. THIRTEEN POINT SURFACE USE PLAN

5. Planned Access Roads

a. Width: Total disturbance-30' right-of-way; 18' running surface.

All travel will be confined to existing access road rights-of-way.

6. Location of Tank Batteries and Production Facilities

Gas meter runs for each well will be located within 500 feet of the wellhead. The gas flowline will be buried or anchored down from the wellhead to the meter and anchored securely downstream of the meter. Meter runs will be noused and/or fenced.

7. Source of Construction Material

Construction material will be located on lease.

8. Well Site Layout

The reserve pit will be located on the northwest corner of the location between points 4 and 5.

The stockpiled topsoil will be stored on two separate piles: One on the southwest corner near point No. 2 and one on the southeast corner near point No. 3.

Access to the well pad will be from the east between points No. 7 and 8.

Reserve pits will be fenced with a wire mesh fence and topped with at least one strand of barbed wire.

9. Other Information

A diversion ditch will be placed on the south side of the location, drainage to the northwest.

Earthen berm to be placed on backside of reserve pit (northwest corner) of pit.

There will be no deviation from the proposed drilling and/or work-over program without prior approval from the AO. Safe drilling and operating practices must be observed. All wells, whether drilling, producing, suspended, or abandoned will be identified in accordance with 43 CFR 3152.

"Sundry Notice and Report on Wells" (Form 3160-5) will be filed for approval for all changes of plans and other operations in accordance with 43 CFR 3152.3-2.

This permit will be valid for a period of one year from the date of approval. After permit termination, a new application will be filed for approval for any future operations.

OPERATOR Natural Gas Corp of Calif DATE 12-6-84
WELL NAME Fed, #23-29-D
SEC NE SW 29 T 8S R 18E COUNTY Unitah

43-047-31584
API NUMBER

Fed
TYPE OF LEASE

CHECK OFF:



PLAT



BOND



NEAREST WELL



LEASE



FIELD



POTASH OR
OIL SHALE

PROCESSING COMMENTS:

No other wells within 1000'
Water & - 47-1736 (T60528)

APPROVAL LETTER:

SPACING:



A-3

UNIT



c-3-a

CAUSE NO. & DATE



c-3-b



c-3-c

STIPULATIONS:



STATE OF UTAH
NATURAL RESOURCES
Oil, Gas & Mining

Scott M. Matheson, Governor
Temple A. Reynolds, Executive Director
Dianne R. Nielson, Ph.D., Division Director

4241 State Office Building • Salt Lake City, UT 84114 • 801-533-5771

December 7, 1984

Natural Gas Corporation of California
85 South 200 East
Vernal, Utah 84078

Gentlemen:

Re: Well No. Federal #23-29-D - NE SW Sec. 29, T. 8S, R. 18E
1870' FSL, 1853' FWL - Uintah County, Utah

Approval to drill the above referenced oil well is hereby granted in accordance with Rule C-3 (b), General Rules and Regulations and Rules of Practice and Procedure.

In addition, the following actions are necessary to fully comply with this approval:

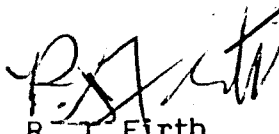
1. Spudding notification to the Division within 24 hours after drilling operations commence.
2. Submittal to the Division of completed Form OGC-8-X, Report of Water Encountered During Drilling.
3. Prompt notification to the Division should you determine that it is necessary to plug and abandon this well. Notify John R. Baza, Petroleum Engineer, (Office) (801) 538-5340, (Home) 298-7695 or R. J. Firth, Associate Director, (Home) 571-6068.
4. Compliance with the requirements and regulations of Rule C-27, Associated Gas Flaring, General Rules and Regulations, Oil and Gas Conservation.

Natural Gas Corporation of California
Well No. Federal #23-29-D
December 7, 1984
Page 2

5. This approval shall expire one (1) year after date of issuance unless substantial and continuous operation is underway or an application for an extension is made prior to the approval expiration date.

The API number assigned to this well is 43-047-31586.

Sincerely,

A handwritten signature in dark ink, appearing to read 'R. J. Firth', is written over a printed name.

R. J. Firth
Associate Director, Oil & Gas

as
Enclosures
cc: Branch of Fluid Minerals

DIVISION OF OIL, GAS AND MINING

SPUDDING INFORMATION

API #43-047-31586

NAME OF COMPANY: Natural Gas CorporationWELL NAME: NGC 23-29DSECTION NE SW 29 TOWNSHIP 8S RANGE 18E COUNTY Uintah

DRILLING CONTRACTOR _____

RIG # _____

SPUDED: DATE 1-24-85TIME 11:45 AMHOW Dry Hole DiggerDRILLING WILL COMMENCE Olsen Drilling - Rig #5REPORTED BY Kathy Knutson

TELEPHONE # _____

DATE 1-24-85 SIGNED RJF

Natural Gas
Corporation of
California

RECEIVED

JAN 29 1985

DIVISION OF OIL
GAS & MINING

January 28, 1985

Bureau of Land Management
Vernal District
170 South 500 East
Vernal, Utah 84078

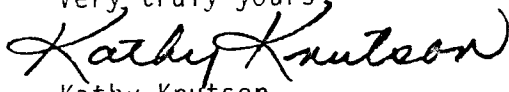
Division of Oil, Gas & Mining
355 West North Temple
3 Triad Center, Suite 350
Salt Lake City, Utah 84180-1203

SUBJECT: Notice of Spud
23-29 Federal
Section 29, T8S, R18E
Uintah County, Utah

Gentlemen:

Attached is Form 3160-5, Sundry Notices and Reports on Wells,
reporting the dry hole spud on the above subject well. This well
is currently waiting on rotary tools. Olsen rig #5 has been contracted
and it is anticipated that drilling operations will commence in about
10 days.

Very truly yours,


Kathy Knutson
Technical Assistant

/kk
attachments

cc: S. Furtado (rm 1449)
Land Department
Harper Oil Company
Files

85 Stm. 1, Part
1/28/85
1/28/85

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

SUBMIT IN TRIPPLICATE
(Other instructions on reverse side)

Expires August 31, 1985

5. LEASE DESIGNATION AND SERIAL NO.

U-51081

6. IF INDIAN, ALLOTTEE OR TRIBE NAME

7. UNIT AGREEMENT NAME

8. FARM OR LEASE NAME

Federal

9. WELL NO.

23-29D

10. FIELD AND POOL, OR WILDCAT

Pleasant Valley

11. SEC., T., R., M., OR BLK. AND SURVEY OR AREA

Section 29, T8S, R18E

12. COUNTY OR PARISH

Uintah

Utah

SUNDRY NOTICES AND REPORTS ON WELLS

(Do not use this form for proposals to drill or to deepen or plug back to surface. It is for:
Use "APPLICATION FOR PERMIT—" for such proposals.)

RECEIVED

1. OIL WELL ☒ GAS WELL ☐ OTHER ☐

JAN 29 1985

2. NAME OF OPERATOR

Natural Gas Corporation of California

3. ADDRESS OF OPERATOR

85 South 200 East, Vernal, Utah 84078

DIVISION OF OIL
GAS & MINING

4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.
See also space 17 below.)

At surface

NE/SW 1853' FWL & 1870' FSL

14. PERMIT NO.

43-047-31586

15. ELEVATIONS (Show whether DF, RT, GK, etc.)

4914' NGL

16. Check Appropriate Box To Indicate Nature of Notice, Report, or Other Data

NOTICE OF INTENTION TO:

TEST WATER SHUT-OFF

FRACTURE TREAT

SHOOT OR ACIDIZE

REPAIR WELL

(Other) SPUD NOTICE

PULL OR ALTER CASING

MULTIPLE COMPLETE

ABANDON*

CHANGE PLANE

SUBSEQUENT REPORT OF:

WATER SHUT-OFF

FRACTURE TREATMENT

SHOOTING OR ACIDIZING

(Other)

REPAIRING WELL

ALTERING CASING

ABANDONMENT*

(NOTE: Report results of multiple completion on Well Completion or Recompletion Report and Log form.)

17. DESCRIBE PROPOSED OR COMPLETED OPERATIONS (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markers and zones pertinent to this work.)

LEON ROSS DRILLING SPUDDED WELL AT 11:45 A.M., JANUARY 24, 1985. A 12 1/4" HOLE WAS DRILLED TO 300'. 7 JOINTS OF 8 5/8", 24.0# K-55 CASING (292.21') WAS SET AND CEMENTED WITH 215 SACKS NEET CEMENT TO SURFACE.

ORAL NOTICE OF SPUD WAS CALLED TO MARGIE WITH THE BLM AND RON FIRTH WITH THE DIVISION OF OIL, GAS AND MINING ON JANUARY 24, 1985.

18. I hereby certify that the foregoing is true and correct

SIGNED

TITLE Technical Assistant

DATE 1-28-85

(This space for Federal or State office use)

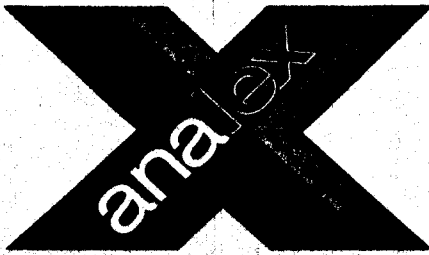
APPROVED BY

TITLE

DATE

CONDITIONS OF APPROVAL, IF ANY:

*See Instructions on Reverse Side



DIVISION OF XCO

1860 Lincoln Street, Suite 780, Denver, Colorado 80203

(303) 863-0014

NATURAL GAS CORPORATION OF CALIFORNIA

PLEASANT VALLEY #23-29D

SECTION 29 - T8S - R18E

UINTAH COUNTY, UTAH

LOGGING GEOLOGIST: Richard Steele
ANALEX

GEOLOGIC SUMMARY

Natural Gas Corporation of California's Pleasant Valley #23-29D was spudded by Olsen Drilling Company's Rig #5 on February 1, 1985. Drilling progressed and a total depth of 6,250' (driller) was reached on February 9, 1985. Due to a good show, the well is presently being completed in the #1 Sand of the Black Shale Facies of the Green River Formation.

Hydrocarbon detection logging was employed from 3,700' on February 5, 1985 to TD. The stratigraphic units encountered during this time ranged from the Uintah Formation to 90' into the Green River Lime Member of the Green River Formation. The primary objective of the test was the #1 and #2 Sands, with secondary interest in the #1, #2A, and #2B Sands of the Douglas Creek Member.

The #2A Sand of the Douglas Creek was cut at 5,162'. The penetration rate increased to 2 min/ft from 7½ min/ft over a 7' zone. Gas associated with this zone peaked at 1,500 units from a background of 750 units. Samples showed a poor to fair streaming yellow-white fluorescent cut.

Drilling continued to the #1 Sand of the Black Shale Facies, which was cut at 5,850'. The penetration rate increased to 1.4 min/ft over an 11' zone. Gas associated with this zone peaked at 1,200 units from a background of 750 units. Samples showed a fair streaming white fluorescent cut. Gas composition ratio analysis plot of this zone shows it being somewhat tight but oil productive.

Oil was seen in the possum belly over both zones, but must be considered irrelevant, as it started coming out of the hole while drilling the Oil Shale Facies of the Green River Formation, which are not productive.

FORMATION SUMMARY

NOTE: All tops and reported zones of interest are based upon samples and information obtained during the drilling process. Footage and penetration rate were obtained from the drilling contractor's geolograph.

Uintah Formation

Geologic samples commenced within the Uintah formation. Drilling proceeded at a steady average rate of 1 min/ft. Samples consisted primarily of gray, green, and occasional brown, soft, blocky, calcareous shale. Rare thin sections of sand were also observed. No shows of fluorescent oil cut were observed.

Douglas Creek Member

4,945' (-18')

The Douglas Creek Member drilled smoothly to erratically up to 4 min/ft. Samples of occasional sands showed white to light gray. The sand is very fine to fine grained. The grains are subangular to subround and moderately sorted. The matrix was siliceous and calcareous in part and slightly tight. Occasional very poor cuts were seen.

Black Shale Facies

5,700' (-773')

The Black Shale Facies consisted of hard, calcareous, black shale which drilled at about 2 min/ft.

#1 Sand

5,850' (-923')

The #1 Sand drilled smoothly at about 1-1/2 min/ft. Samples showed a gray and gray-white, very fine grained, well sorted, subangular to subround, poorly cemented, calcareous sand. Porosity estimated from 10 to 15%. Oil stain was visible, with a yellow-green fluorescence, a poor to fair streaming blue-white cut.

#2 Sand

5,880' (-953')

The #2 Sand was thinner than expected (3') and came in higher (14') than expected. The sand was gray-white, very fine grained, moderately sorted, with poor porosity and no fluorescence.

Green River Lime

6,160' (-1,233')

The Green River Lime consisted of light brown, brown and tan, hard, micro to cryptocrystalline, slightly argillaceous limestone with traces of shale and pyrite. The lower section is predominantly dark brown, very calcareous shale. The formation drilled somewhat erratically from 1 to 2½ min/ft.



OPERATOR S.A.C. & CALIFORNIA
WELL PLEASANT VALLEY # 20-20

SEC 20 TWP 11 RNG 10
JOB# 6070 DEPT CO., DEAN

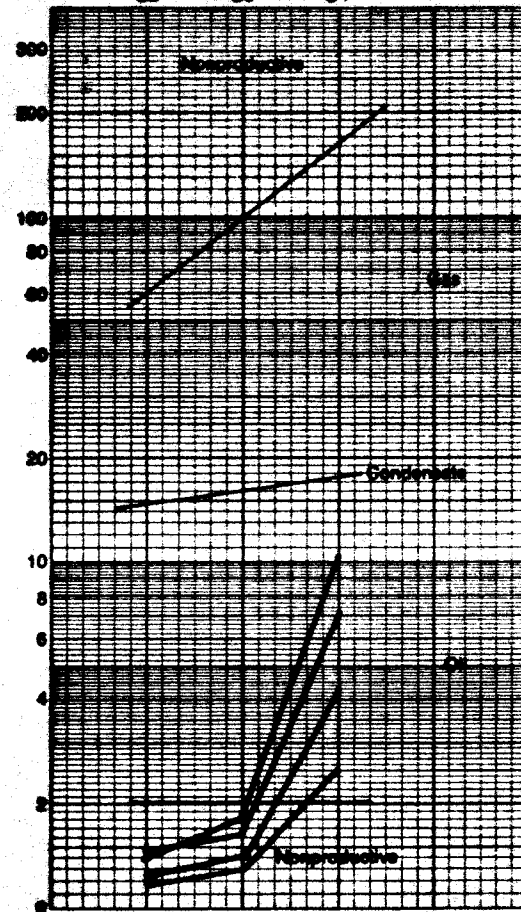
analex
DIVISION OF XCO

SHOW REPORT# Formation GREEN RIVER
Depth Interval from 3880 to 3864 with liberated produced gas
Gross Ft Net Ft

Time 7:00 am
Date FEB 7, 1985

RATIO PLOT: $\frac{C1}{C2}$ $\frac{C1}{C3}$ $\frac{C1}{C4}$

S F P	DEPTH	MINFT	TOTAL GAS		GAS CHROMATOGRAPHY %				SHOW GAS MINUS BACKGROUND		
			UNITS	% M.E.	C1	C2	C3	Σ C4	$\frac{C1}{C2}$	$\frac{C1}{C3}$	$\frac{C1}{C4}$
	BACKGROUND	2.5	750	7.5	.11	.32	.01	0			
	3880	2.4	750	7.5	.32	.25	.13	.02	.91	1.75	10.3
	3852	1.6	950	9.5	.2	.18	.12	.02	.36	.8	4.5
	3834	1.5	1000	10.0	.2	.18	.12	.02	.36	.81	4.5
	3836	1.2	1050	10.5	.2	.25	.16	.03	.39	.6	3
	3838	1.2	1100	11.0	.32	.25	.16	.03	.91	1.3	7
	3860	1.2	1150	11.5	.32	.25	.17	.03	.91	1.3	7
	3862	2	1200	12.0	.37	.31	.22	.05	.89	1.2	5.2
	3864	2	800	8.0	.15	.12	.06	.02	.4	.8	2
	BACKGROUND										



GAS RATIO EVALUATION: oil gas cond. no wet

LITHOLOGY TYPE: SS SH SLTST LS DOL Other
%: (70) () () () () ()

Color lt. tan Grain/Total Size 1/2-f Shape sp. rd Sorting poor Cont & Mtx shale & sil Acc

POROSITY: n p m i g ☒ Intgran Interdn moldic fec vuggy other

STAIN: Color lt. tan even ☒ spotted pinpoint bleeding % in total cuttings 25

FLUORESCENCE: Color gd-gn even ☒ spotted pinpoint % in total cuttings 25 % mwt

CHLOROTHENE OUT: Color sh-alky Development p-c spots Residual

CUT FLUORESCENCE: Color gd-gn Development Residual

MUD PROPERTIES: Wt 2.4 P.V. 27 P.L. G.M. G. 2100 pH 10 WOB 40 RPM 60 SPW 5% PP 1050

REMARKS: Bit Type Hse Postage

Analex cannot and does not guarantee the accuracy or correctness of this data and interpretation. Analex shall not be held liable or responsible for any loss, cost, damage or expense incurred or sustained by customer resulting from the use of this information or interpretation thereof by any of its agents, servants or employees.

*Natural Gas
Corporation of
California*

RECEIVED

FEB 4 1985

February 1, 1985

DIVISION OF OIL
GAS & MINING

Bureau of Land Management
Vernal District
170 South 500 East
Vernal, Utah 84078

State of Utah
Division of Oil, Gas & Mining
355 West North Temple
3 Triad Center, Suite 350
Salt Lake City, Utah 84180-1203

SUBJECT: Weekly Drilling Reports

Gentlemen:

Attached are Sundry Notices reporting the weekly status of
NGC operated wells for this District. Following is a list of
wells for which notices are attached.

NGC 22-9H
Pleasant Valley
Section 9, T9S, R17E
Duchesne County, Utah

NGC 23-29D
Pleasant Valley
Section 29, T8S, R18E
Uintah County, Utah

Very truly yours,



Kathy Knutson
Technical Assistant

/kk
attachments

cc: S. Furtado (Rm 1449)
Files

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

SUBMIT IN TRIPPLICATE*
(Other instructions on re-
verse side)

Expires August 31, 1985

SUNDRY NOTICES AND REPORTS ON

(Do not use this form for proposals to drill or to deepen or plug back to a different reservoir.
Use "APPLICATION FOR PERMIT—" for such proposals.)

RECEIVED

FEB 4 1985

1. OIL WELL ☒ GAS WELL ☐ OTHER ☐

2. NAME OF OPERATOR

Natural Gas Corporation of California

DIVISION OF OIL
GAS & MINING

3. ADDRESS OF OPERATOR

85 South 200 East, Vernal, Utah 84078

4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.*
See also space 17 below.)
At surface

NE/SW 1853' FWL & 1870' FSL

14. PERMIT NO.

43-047-31586

15. ELEVATIONS (Show whether DF, RT, CR, etc.)

4914' NGL

5. LEASE DESIGNATION AND SERIAL NO.

U-51081

6. IF INDIAN, ALLOTTEE OR TRIBE NAME

7. UNIT AGREEMENT NAME

8. FARM OR LEASE NAME

Federal

9. WELL NO.

23-29D

10. FIELD AND POOL, OR WILDCAT

Pleasant Valley

11. SEC., T., R., M., OR BLK. AND
SURVEY OR AREA

Section 29, T8S, R18E

12. COUNTY OR PARISH 13. STATE

Uintah

Utah

16. Check Appropriate Box To Indicate Nature of Notice, Report, or Other Data

NOTICE OF INTENTION TO:

SUBSEQUENT REPORT OF:

TEST WATER SHUT-OFF

PULL OR ALTER CASING

WATER SHUT-OFF

REPAIRING WELL

FRACTURE TREAT

MULTIPLE COMPLETE

FRACTURE TREATMENT

ALTERING CASING

SHOOT OR ACIDIZE

ABANDON*

SHOOTING OR ACIDIZING

ABANDONMENT*

REPAIR WELL

CHANGE PLANS

(Other)

(NOTE: Report results of multiple completion on Well
Completion or Recompletion Report and Log form.)

(Other) WEEKLY DRILLING REPORT

17. DESCRIBE PROPOSED OR COMPLETED OPERATIONS (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markers and zones pertinent to this work.)*

OLSEN RIG #5 HAS MOVED ON LOCATION. WILL FINISH RIGGING UP THIS A.M. AND
TEST BOPS AND BEGIN DRILLING OPERATIONS THIS P.M., FEBRUARY 1, 1985. MR.
BILL OWENS WITH THE BLM WAS ORALLY NOTIFIED OF THIS TEST.

18. I hereby certify that the foregoing is true and correct

SIGNED

Kathy Knutson

TITLE Technical Assistant

DATE 2-1-85

(This space for Federal or State office use)

APPROVED BY

TITLE

DATE

CONDITIONS OF APPROVAL, IF ANY:

*See Instructions on Reverse Side

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

SUBMIT IN TRIPLICATE*
(Other instructions on re-
verse side)

Expires August 31, 1985

5. LEASE DESIGNATION AND SERIAL NO.

U-51081

6. IF INDIAN, ALLOTTEE OR TRIBE NAME

7. UNIT AGREEMENT NAME

8. FARM OR LEASE NAME

Federal

9. WELL NO.

23-29D

10. FIELD AND POOL, OR WILDCAT

Pleasant Valley

11. SEC., T., R., M., OR BLK. AND
SURVEY OR AREA

Section 29, T8S, R18E

12. COUNTY OR PARISH 13. STATE

Uintah

Utah

SUNDRY NOTICES AND REPORTS ON WELLS

(Do not use this form for proposals to drill or to deepen or plug back to a different reservoir.
Use "APPLICATION FOR PERMIT—" for such proposals.)

OIL WELL ☒ GAS WELL ☐ OTHER ☐

NAME OF OPERATOR

Natural Gas Corporation of California

ADDRESS OF OPERATOR

85 South 200 East, Vernal, Utah 84078

LOCATION OF WELL (Report location clearly and in accordance with any State requirements.*
See also space 17 below.)
At surface

NE/SW 1853' FWL & 1870' FSL

PERMIT NO.

43-047-31586

15. ELEVATIONS (Show whether DF, RT, GR, etc.)

4914' NGL

6. Check Appropriate Box To Indicate Nature of Notice, Report, or Other Data

NOTICE OF INTENTION TO:

TEST WATER SHUT-OFF ☐

FRACTURE TREAT ☐

SHOOT OR ACIDIZE ☐

REPAIR WELL ☐

(Other) ☐

PULL OR ALTER CASING ☐

MULTIPLE COMPLETE ☐

ABANDON* ☐

CHANGE PLANS ☐

WEEKLY STATUS REPORT

SUBSEQUENT REPORT OF:

WATER SHUT-OFF ☐

FRACTURE TREATMENT ☐

SHOOTING OR ACIDIZING ☐

(Other) ☐

REPAIRING WELL ☐

ALTERING CASING ☐

ABANDONMENT* ☐

(NOTE: Report results of multiple completion on Well
Completion or Recompletion Report and Log form.)

8. DESCRIBE PROPOSED OR COMPLETED OPERATIONS (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any
proposed work. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markers and zones perti-
nent to this work.)*

Drilling is continuing at 5360' with bit #2, 7 7/8".

9. I hereby certify that the foregoing is true and correct

SIGNED

Kathy Krutson

TITLE Technical Assistant

DATE Feb 8, 1985

(This space for Federal or State office use)

APPROVED BY

CONDITIONS OF APPROVAL, IF ANY:

TITLE

DATE

*See Instructions on Reverse Side

*Natural Gas
Corporation of
California*

NGC NGC NGC NGC NGC NGC NGC NGC NGC NGC NGC NGC

February 11, 1985

Bureau of Land Management
Vernal District
170 South 500 East
Vernal, Utah 84078

State of Utah
Division of Oil, Gas & Mining
355 West North Temple
3 Triad Center, Suite 350
Salt Lake City, Utah 84180

SUBJECT: NGC 23-29D
Pleasant Valley

Gentlemen:

Attached is form 3160-5, Sundry Notices and Reports on Wells, with our proposed plugging procedure for the above subject well located in Section 29, T8S, R18E, Uintah County, Utah. Verbal approval of this procedure was received from Mr. Alan McKee on February 10, 1985.

Very truly yours,

Kathy Knutson

Kathy Knutson
Technical Assistant

/kk
attachments

cc: Lomax Exploration Company
Harper Oil Company
DeGolyer & MacNaughton
S. Furtado
Land Department
Operations
Files
L. Jorgenson

RECEIVED

FEB 13 1985

**DIVISION OF OIL
GAS & MINING**

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

EXPIRES AUGUST 31, 1985
(Other instructions on
reverse side)

5. LEASE DESIGNATION AND SERIAL NO.

U-51081

6. IF INDIAN, ALLOTTEE OR TRIBE NAME

7. UNIT AGREEMENT NAME

8. FARM OR LEASE NAME

Federal

9. WELL NO.

23-29D

10. FIELD AND POOL, OR WILDCAT

Pleasant Valley

11. SEC., T., R., M., OR BLK. AND
SURVEY OR AREA

Section 29, T8S, R18E

12. COUNTY OR PARISH 13. STATE

Uintah

Utah

SUNDRY NOTICES AND REPORTS ON WELLS

(Do not use this form for proposals to drill or to deepen or plug back to a different reservoir.
Use "APPLICATION FOR PERMIT—" for such proposals.)

1. OIL WELL ☒ GAS WELL ☐ OTHER

2. NAME OF OPERATOR

Natural Gas Corporation of California

3. ADDRESS OF OPERATOR

85 South 200 East, Vernal, Utah 84078

4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.*
See also space 17 below.)
At surface

NE/SW 1853' FWL & 1870' FSL

14. PERMIT NO.

43-047-31586

15. ELEVATIONS (Show whether DF, RT, GR, etc.)

4914' NGL

16. Check Appropriate Box To Indicate Nature of Notice, Report, or Other Data

NOTICE OF INTENTION TO:

SUBSEQUENT REPORT OF:

TEST WATER SHUT-OFF

PULL OR ALTER CASING

WATER SHUT-OFF

REPAIRING WELL

FRACTURE TREAT

MULTIPLE COMPLETE

FRACTURE TREATMENT

ALTERING CASING

SHOOT OR ACIDIZE

ABANDON*

SHOOTING OR ACIDIZING

ABANDONMENT*

REPAIR WELL

CHANGE PLANS

(Other)

(NOTE: Report results of multiple completion on Well
Completion or Recompletion Report and Log form.)

17. DESCRIBE PROPOSED OR COMPLETED OPERATIONS (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markers and zones pertinent to this work.)*

Operator proposes to plug the above well in the following manner as discussed with Alan McKee on February 10, 1985.

1. A 25 sack plug will be set in the top of the 8 5/8" surface csg.
2. 75' of cement will be set inside the 8 5/8" casing and 75' of cmt will be set outside the 8 5/8" csg.
3. A 200' plug will be set from 1800' to 2000'.
4. A 200' plug will be set from 3700' to 3900'.
5. A 200' plug will be set from 5900' to 6100'.

Surface will be rehabilitated and dry hole marker set when weather permits as per BLM specifications.

ACCEPTED BY THE STATE
OF UTAH DIVISION OF
OIL, GAS, AND MINING

DATE: 2/20/85

BY: John R. Baya

RECEIVED

FEB 13 1984

DIVISION OF OIL
GAS & MINING

18. I hereby certify that the foregoing is true and correct

SIGNED

Kathy Kuntson

TITLE Technical Assistant

DATE 2-11-85

(This space for Federal or State office use)

APPROVED BY

TITLE

DATE

CONDITIONS OF APPROVAL, IF ANY:

Federal approval of this action
is required before commencing
operations

*See Instructions on Reverse Side

*Natural Gas
Corporation of
California*

file

NGC NGC NGC NGC NGC NGC NGC NGC NGC NGC NGC NGC NGC NGC NGC

RECEIVED

FEB 19 1985

**DIVISION OF OIL
GAS & MINING**

February 11, 1985

State of Utah
Division of Oil, Gas & Mining
355 West North Temple
3 Triad Center, Suite 350
Salt Lake City, Utah 84180-1203

SUBJECT: Report of Water Encountered
NGC 23-29D
Section 29, T8S, R18E
Uintah County, Utah

Gentlemen:

Attached is form OGC-8-X reporting water encountered during the drilling of the above referenced well. No analysis was done of this water. The well is currently being plugged.

Very truly yours,

Kathy Knutson

Kathy Knutson
Technical Assistant

/kk
attachment

cc: Files

STATE OF UTAH
DEPARTMENT OF NATURAL RESOURCES
DIVISION OF OIL AND GAS CONSERVATION
1588 West North Temple
Salt Lake City, Utah 84116

RECEIVED

FEB 19 1985

DIVISION OF OIL
GAS & MINING

REPORT OF WATER ENCOUNTERED DURING DRILLING

Well Name and Number NGC 23-29D

Operator Natural Gas Corporation of California

Address 85 South 200 East, Vernal, Utah 84078

Contractor Olsen Rig #5

Address _____

Location NE 1/4, SW 1/4, Sec. 29, T. 8S N., R. 18E E., Uintah County.
S. W.

Water Sands:

	<u>Depth:</u>	<u>Volume:</u>	<u>Quality:</u>
	From - To -	Flow Rate or Head -	Fresh or Salty -
1.	<u>+2600' +2700'</u>	<u>7 gals per min</u>	<u> </u>
2.	<u> </u>	<u> </u>	<u> </u>
3.	<u> </u>	<u> </u>	<u> </u>
4.	<u> </u>	<u> </u>	<u> </u>
5.	<u> </u>	<u> </u>	<u> </u>

(Continue on Reverse Side if Necessary)

Formation Tops:

- NOTE: (a) Upon diminishing supply of forms, please inform this office.
(b) Report on this form as provided for in Rule C-20, General Rules and Regulations and Rules of Practice and Procedure, (see back of this form)
(c) If a water quality analysis has been made of the above reported zone, please forward a copy along with this form.

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

SUBMIT IN DUPLICATE

(See instructions on reverse side)

Form approved.
Budget Bureau No. 1004-0137
Expires August 31, 1985

5. LEASE DESIGNATION AND SERIAL NO.

U-51081

6. IF INDIAN, ALLOTTEE OR TRIBE NAME

7. UNIT AGREEMENT NAME

8. FARM OR LEASE NAME

Federal

9. WELL NO.

23-29D

10. FIELD AND POOL, OR WILDCAT

Undesignated
Pleasant Valley

11. SEC., T., R., M., OR BLOCK AND SURVEY OR AREA

Section 29, T8S, R18E

12. COUNTY OR PARISH

Utah

13. STATE

Utah

14. PERMIT NO.

43-047-31586

DATE ISSUED

12-7-84

15. DATE SPUDDED

1-24-85

16. DATE T.D. REACHED

2-9-85

17. DATE COMPL. (Ready to prod.)

P&A 2-11-85

18. ELEVATIONS (DF, RKB, RT, GR, ETC.)*

4914' NGL

19. ELEV. CASINGHEAD

20. TOTAL DEPTH, MD & TVD

6250'

21. PLUG, BACK T.D., MD & TVD

0'

22. IF MULTIPLE COMPL., HOW MANY*

NA

23. INTERVALS DRILLED BY

ROTARY TOOLS

ALL

CABLE TOOLS

24. PRODUCING INTERVAL(S), OF THIS COMPLETION—TOP, BOTTOM, NAME (MD AND TVD)*

None

25. WAS DIRECTIONAL SURVEY MADE

26. TYPE ELECTRIC AND OTHER LOGS RUN

BIT (circled) DDSN (circled) ML (circled) CAL (circled) Sample (circled)

27. WAS WELL CORED

28. CASING RECORD (Report all strings set in well)

CASING SIZE	WEIGHT, LB./FT.	DEPTH SET (MD)	HOLE SIZE	CEMENTING RECORD	AMOUNT PULLED

29. LINER RECORD

SIZE	TOP (MD)	BOTTOM (MD)	SACKS CEMENT*	SCREEN (MD)	SIZE	DEPTH SET (MD)	PACKER SET (MD)

30. TUBING RECORD

31. PERFORATION RECORD (Interval, size and number)

DEPTH INTERVAL (MD)	AMOUNT AND KIND OF MATERIAL USED

33.* PRODUCTION

DATE FIRST PRODUCTION		PRODUCTION METHOD (Flowing, gas lift, pumping—size and type of pump)				WELL STATUS (Producing or shut-in)	
P&A 2-11-85						P&A	
DATE OF TEST	HOURS TESTED	CHOKE SIZE	PROD'N. FOR TEST PERIOD	OIL—BBL.	GAS—MCF.	WATER—BBL.	GAS-OIL RATIO
			→				
FLOW, TUBING PRESS.	CASING PRESSURE	CALCULATED 24-HOUR RATE	OIL—BBL.	GAS—MCF.	WATER—BBL.	OIL GRAVITY-API (CORR.)	
		→					

34. DISPOSITION OF GAS (Sold, used for fuel, vented, etc.)

TEST WITNESSED BY

35. LIST OF ATTACHMENTS

36. I hereby certify that the foregoing and attached information is complete and correct as determined from all available records

SIGNED

Kathy Knutson

TITLE

Technical Assistant

DATE

2-25-85

*(See Instructions and Spaces for Additional Data on Reverse Side)

37. SUMMARY OF POROUS ZONES: (Show all important zones of porosity and contents thereof; cored intervals; and all drill-stem, tests, including depth interval tested, cushion used, time tool open, flowing and shut-in pressures, and recoveries):				38. GEOLOGIC MARKERS		
FORMATION	TOP	BOTTOM	DESCRIPTION, CONTENTS, ETC.	NAME	TOP	
					MEAS. DEPTH	TRUE VERT. DEPTH
				A Marker B Marker C Marker Douglas Creek 1st Sand D Marker F Marker Lower GR LMST	4320' 4582' 4820' 4960' 5160' 5219' 5798' 6174'	

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

SUBMIT IN TRIPLICATE
(Other instructions
verse side)

Budget Bureau No. 1004-0155
Expires August 31, 1985

SUNDRY NOTICES AND REPORTS ON WELLS

(Do not use this form for proposals to drill or to deepen or plug back to a different reservoir.
Use "APPLICATION FOR PERMIT" for such proposals.)

RECEIVED

1. OIL WELL ☒ GAS WELL ☐ OTHER ☐

2. NAME OF OPERATOR
Natural Gas Corporation of California

3. ADDRESS OF OPERATOR
85 South 200 East, Vernal, Utah 84078

4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.
See also space 17 below.)
At surface
NE/SW 1853' FWL & 1870' FSL

14. PERMIT NO.
43-047-31586

15. ELEVATIONS (Show whether DF, RT, CR, etc.)
4914' NGL

5. LEASE DESIGNATION AND SERIAL NO.
U-51081

6. IF INDIAN, ALLOTTEE OR TRIBE NAME

7. UNIT AGREEMENT NAME

8. FARM OR LEASE NAME
Federal

9. WELL NO.
23-29D

10. FIELD AND POOL, OR WILDCAT
Pleasant Valley

11. SEC., T., R., M., OR BLK. AND SURVEY OR AREA
Section 29, T8S, R18E

12. COUNTY OR PARISH
Uintah

13. STATE
Utah

16. Check Appropriate Box To Indicate Nature of Notice, Report, or Other Data

NOTICE OF INTENTION TO:		SUBSEQUENT REPORT OF:	
TEST WATER SHUT-OFF	<input type="checkbox"/>	WATER SHUT-OFF	<input type="checkbox"/>
FRACTURE TREAT	<input type="checkbox"/>	FRACTURE TREATMENT	<input type="checkbox"/>
SHOOT OR ACIDIZE	<input type="checkbox"/>	SHOOTING OR ACIDIZING	<input type="checkbox"/>
REPAIR WELL	<input type="checkbox"/>	(Other)	<input type="checkbox"/>
(Other)	<input type="checkbox"/>	(NOTE: Report results of multiple completion on Well Completion or Recompletion Report and Log form.)	
PULL OR ALTER CASING	<input type="checkbox"/>	REPAIRING WELL	<input type="checkbox"/>
MULTIPLE COMPLETE	<input type="checkbox"/>	ALTERING CASING	<input checked="" type="checkbox"/>
ABANDON*	<input type="checkbox"/>	ABANDONMENT*	<input type="checkbox"/>
CHANGE PLANS	<input type="checkbox"/>		

17. DESCRIBE PROPOSED OR COMPLETED OPERATIONS (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markers and zones pertinent to this work.)

The above well was plugged and abandoned on 2-12-85 as follows:

- 1) 200' Class H cement plug was set from 6100' to 5900'
- 2) 200' Class H cement plug was set from 3900' to 3700'
- 3) 200' Class H cement plug was set from 2000' to 1800'
- 4) 150' Class H cement plug was set from 368' to 218'
- 5) 80' Class H cement plug was set from 124' to 44'

Olsen Rig #5 was released at 7:30 p.m., 2-11-85. Rams were froze open and were unable to close after P&A. Cut off casing head, dumped 1 3/4 yards redimix down 8 5/8" casing, weld on dry hole marker.

Area will be rehabilitated after pits have been allowed to completely dry and weather conditions permit.

ACCEPTED BY THE STATE
OF UTAH DIVISION OF
OIL, GAS, AND MINING.

DATE: 3/5/85
BY: [Signature]

18. I hereby certify that the foregoing is true and correct
SIGNED: [Signature] TITLE: Dir. Supt. DATE: 2-20-85

(This space for Federal or State office use)

APPROVED BY: _____ TITLE: _____ DATE: _____
CONDITIONS OF APPROVAL, IF ANY:

WELL: LINMAR- D. MOON 1-2321
LOCATION: SEC. 23, T1N, R1W, DUCHESNE COUNTY, UTAH
OPERATOR: LINMAR ENERGY CORPORATION
CONTRACTOR: LORD DRILLING, RIG #3
OBJECTIVE ZONE: WASATCH FORMATION
ESTIMATED TD: 17,300'

PAGE 7

-
- 1-31-85 12,251' Day 56; MW 8.9, Vis 42, WL 48, Cake 3, PH 11. Remarks: Mill on bridge until mill wore out, pull out of hole, cut drilling line, pick up new BHA with magnet, go in hole to bridge, try to work magnet past bridge no go, pull out of hole pick up new BHA with new mill, go in hole to junk, mill on junk. Recovered from mill and magnet various sizes of flat metal 1/2-3/8" thick and from very small to 2x3" pieces. 4.5° at 12,241'.
DC: \$7,211 CUM: \$669,886
DMC: \$ 0 CMC: \$ 51,283
- 2-1-85 12,251' Day 57; MW 9, Vis 49, WL 34, Cake 2, PH 11. Remarks: Mill on bridge, circulate and pull out of hole, rig up Dia-log, run casing inspection log and collar locator log, run inspection log 3 times, had 2 misruns dur to equipment failure, lay down BHA, pull and inspect wear busing, rig service, wait on new tools, pick up BHA go in hole. Logging determined that 38.00' of 9 5/8" casing has parted 12.00' below the float collar, tried to get log down to 4716 where fish is, hung up in sticky formation, no go, pull out of hole. BGG: 2.
DC: \$10,410 CUM: \$680,296
DMC: \$ 500 CMC: \$ 51,783
- 2-2-85 12,251' Day 58; MW 9.1, Vis 40, WL 30, Cake 2, PH 11. Remarks: Go in hole, mill on casing, circulate, pull out of hole for new mill. BGG: 1-2.
DC: \$10,445 CUM: \$690,741
DMC: \$ 414 CMC: \$ 52,097
- 2-3-85 12,251' Day 59; MW 8.9, Vis 39, WL 42, Cake 3, PH 11. Remarks: Pull out of hole for new mill, pick up mill, go in hole, mill on casing pressure raised to 4000# on pump, work mill try to get thru fill, no success, pull out of hole for bull nose mill, clean junk basket, pick up new mill, go in hole, mill on casing, made 6' in 6 hrs.. Milling on casing. Returning over shaker some fine cuttings of formation and metal. BGG: 1-2. TG: 2.
DC: \$7,331 CUM: \$698,072
DMC: \$ 45 CMC: \$ 52,147
- 2-4-85 12,251' Day 60; MW 8.8, Vis 38, WL NC, Cake 3, PH 11. Remarks: Mill on casing, mill quit penetrating, pull out of hole for inspection found piece of metal in junk basket that represented part of bit cone, go in hole with magnet, work magnet over junk, pull out of hole, recover 2 pieces of cone like metal, go in hole with flat bottom mill, mill on junk. BGG: 1-2. TG: 2.
DC: \$7,232 CUM: \$705,304
DMC: \$ 21 CMC: \$ 52,163
- 2-5-85 12,251' Day 61; MW 8.9, Vis 40, Cake 2, PH 11.5. Remarks: Mill on casing, rig service, go into open hole, pull out of hole, pick up bit mill tooth, clean junk basket, found pieces of cone and a few pieces of casing metal, cut drilling line on way in hole, work bit thru dropped casing at 4700', wash and ream to top of fill. Washing and reaming. BGG: 2/4.
DC: \$18,260 CUM: \$723,924
DMC: \$ 345 CMC: \$ 52,508
- 2-6-85 12,251' Day 62; MW 8.9, Vis 40, Cake 2, PH 12. Remarks: Drill, mix sweep and pump around, pull out of hole to run casing logs to pinpoint fish. Run logs, pick up BHA, go in hole with concave mill, mill on casing at 4712 at hole and on top 4702, mill would not bite, would slip away into side tracked hole. Prepare to pull out of hole to run Multishot survey. BGG: 2.
DC: \$11,491 CUM: \$735,415
DMC: \$ 383 CMC: \$ 52,891

WELL: LINMAR- D. MOON 1-23Z1
LOCATION: SEC. 23, T1N, R1W, DUCHESNE COUNTY, UTAH
OPERATOR: LINMAR ENERGY CORPORATION
CONTRACTOR: LORD DRILLING, RIG #3
OBJECTIVE ZONE: WASATCH FORMATION
ESTIMATED TD: 17,300' .
PAGE 8

- 2-7-85 12,251' Day 63; MW 8.9, Vis 39, WL NC, Cake 2, PH 11.5. Remarks: Pull out of hole, change BHA, go in hole with Monel DC, circulate and drop directional survey tools, survey up from 4784 to 4634 taking a shot every 5', shoot every 90' from 4634 to 2850, pull out of hole, change BHA go in hole with bit, wash and ream to bottom drill 4' pull out of hole, change BHA go in hole with bent stringer and string mill, work stringer and mill into casing, ream 10-12' of casing, go past bottom of casing 200', circulate, pull out of hole for 8 3/4 string mill. First string mill into casing was 6 5/8 lead with 3 1/2 stringer 8' long. Left 6 5/8 mill in BHA to lead in on second run. BGG: 2. TG: 2.
DC: \$11,335 CUM: \$746,750
DMC: \$ 427 CMC: \$ 53,318
- 2-8-85 12,251' Day 64; MW 9, Vis 40, Cake 2, PH 11.5. Remarks: Pick up BHA, go in hole, ream inside of casing, mills stopped penetrating appeared to be sitting on junk with stringer, pull out of hole to examine mills, Lay down 8 3/4 mill, go in hole, work into casing after missing and entering side tracked hole, work 6 5/8 mill thru casing, circulate, pull out of hole and lay down 6 5/8 mill pick up 8 3/4 mill, go in hole, work into casing, milled 2' at 4702 at top of casing, mill went down 12' with no drag, torqued again at 4716', milling presently at 4723', mill rate has slowed down, mill appears to have worn out. Prepare to pull out of hole for new mill.
DC: \$11,158 CUM: \$757,908
DMC: \$ 686 CMC: \$ 54,004
- 2-9-85 12,251' Day 65; MW 8.9, Vis 38, Cake 2, PH 11.5. Remarks: Ream on fish, pull out of hole, change BHA, put on 4 1/2" stinger and string mill, go in hole to bottom of surface casing, cut drilling line, go in hole to top of fish, work stringer into fish, wash down thru fish not rotating, go in hole to 7456, wash and ream tight sticky hole to 7516 and 7750-7810, go in hole to 8507 wash down 1 joint thru sticky hole, go in hole to 9700' wash and ream tight hole and circulate and condition mud, go in hole to 12,161', wash and ream to bottom, circulating and conditioning mud. Tagged some junk on bottom. Some metal cuttings still in drilling fluid. BGG: 2-60. TG: 700-1450.
DC: \$7,504 CUM: \$765,412
DMC: \$ 293 CMC: \$ 54,297
- 2-10-85 12,251' Day 66; MW 9, Vis 43, Cake 2, PH 11. Remarks: Circulate and condition mud, pull out of hole, change BHA, pick up stringer, string mill, and IBS's, go in hole to top of fish, go thru fish easily pull out of hole SLM, change BHA, lay down stinger and pick up xo sub and bull nose mill, go in hole to top of fish, work mill at fish, mill did not go thru but down along side of fish, work mill try to get into fish, no go, pull out of hole for string mill and stinger. BGG: 1-6.
DC: \$10,459 CUM: \$768,367
DMC: \$ 1,345 CMC: \$ 55,642
- 1-11-85 12,251' Day 67; MW 9.1, Vis 45, Cake 2, PH 10.5. Remarks: Pull out of hole for new BHA, change BHA to 4 1/2" stinger and mill 8 3/4 mill, go in hole to top of fish, rig service, run stinger and mill thru fish, circulate, pull out of hole to change BHA, pick up 7" casing stinger and XO sub, go in hole to top of fish, work stinger over fish, go into side track hole, pull up above fish and work stinger into casing, go thru fish easily, go in hole to 7500', break circulation at tight spot and work pipe, go in hole to TD, circulate bottoms up, trip up to 7500', tight hole gone, go in hole, circulate bottoms up, prepare to trip out laying down drill pipe. BGG: 1-25. TG: 42.
DC: \$7,837 CUM: \$776,204
DMC: \$ 563 CMC: \$ 56,205
- 2-12-85 12,251' Day 68; MW 9.2, Vis 47, WL 32, Cake 2, PH 11. Remarks: Circulate to lay down drill string, pull out of hole laying down drill string,

WELL: LINMAR- D. MOON 1-2321
LOCATION: SEC. 23, T1N, R1W, DUCHESNE COUNTY, UTAH
OPERATOR: LINMAR ENERGY CORPORATION
CONTRACTOR: LORD DRILLING, RIG #3
OBJECTIVE ZONE: WASATCH FORMATION
ESTIMATED TD: 17,300'

PAGE 9

2-12-85 (cont'd) cut drilling line, lay down BHA, pull wear ring, rig up casing crews, run casing to 4700', try to work casing thru fish, no go, circulate, pull out of hole laying casing back down. BGGL 14.
DC: \$9,802 CUM: \$786,006
DMC: \$2,013 CMC: \$ 58,218

2-13-85 12,251' Day 69; MW 9.2, Vis 47, WL 32, Cake 2, PH 11. Remarks: pull out of hole with casing. Rig up and pick up 3.5" drill pipe. Sting into fish and dress top of same. Pull out of hole, rig up casing crew. Run casing to 4700', try to work thru fish, no go, circulate pull out of hole laying casing back down. BGG: 14.
DC: \$8,339 CUM: \$794,345
DMC: \$ 0 CMC: \$ 58,218

2-14-85 12,251' Day 70; MW 9.2, Vis 42, WL 26, Cake 2, PH 10.5. Remarks: Run 7" casing to top of fish, work thru fish, run to 12,195', casing stopped, circulate and try to go to bottom, no go, circulate bottoms up, run cement, bump plug at 11:15 pm, held 500 psi for 2 min, released pressure flowed back 3 barrels, plug bumped 1 barrel over. Nipple down BOP's and change pipe rams. BGG: 4. TG: 55.
DC: \$33,389 CUM: \$852,784
DMC: \$ 0 CMC: \$ 59,339

2-15-85 12,251' Day 71; MW 9.2, Vis 42, WL 26, Cake 2, PH 10.5. Remarks: Nipple down, change out pipe rams, lift stack and try to set slips, set 190,000# on slips the 9 5/8 surface casing started down hole, pick up and try again, set 150,000# in slips and casing slipped down hole 6", appeared to be collapsing, got back 25,000-50,000# on weight indicator each time it jerked down. Dig out cellar and prepare to cement cellar for steel plate and gussets. Repair blind rams and change pump liners. Cementation: Ran 840 sxs lite weight III with 10# sx D042, 10% salt, 1/4# p/sx D-29 and .35% D-120, total lead 263 barrels of 13.4#/gal. slurry. Tailed with 200 sxs Class "G" cement, with 10% salt, 1/4# p/sx D-29, .35% D-120, Total tail slurry of 42 barrels of 15.8 #/gal slurry. Displaced with 450 barrels of mud, bumped plug at 11:15 pm, good returns thru cementation
DC: \$21,210 CUM: \$873,994
DMC: \$ 120 CMC: \$ 59,459

2-16-85 12,251' Day 72; MW 9.2, Vis 42, WL 26, Cake 2, PH 10.5. Remarks: Jet cellar, install reinforcing steel in cellar, pour cement for casing foot, wait on cement to cure in cellar, repair blind rams, change liners in both pumps, prepare to install steel for casing foot. Casing: Ran 3 joints N-80 7" 32#, 8rd. 116.23. Ran 14 joints P-110 7" 32# 8 rd. 541.26. Ran 291 joints of P-110 7" 29# 8 rd. 11514.04 Set mule shoe at 12,188. Set float collar at 12,112.
DC: \$7,937 CUM: \$881,931
DMC: \$ 120 CMC: \$ 59,579

2-17-85 12,251' Day 73; MW 9.2, Vis 42, WL 26, Cake 2, PH 10.5. Remarks: Trim and fit steel plate for casing foot, install same in cellar. Cut gussets, weld plate halves together and weld gussets to plate and casing, wait on welds to cool.
DC: \$13,437 CUM: \$895,348
DMC: \$ 120 CMC: \$ 59,699

2-18-85 12,251' Day 74; MW 9.1, Vis 37, WL 26, Cake 2, PH 11. Remarks: Pick up on casing. Pull slips up and inspect, reset casing slips, set 190,000# in slips, wait and observe for 15 minutes, cut off 7" casing and nipple up, pressure test kelly valves and dart valve, floor valve, choke manifold and line, pipe rams and kelly to 5000#, check annular preventer, blind rams against casing to 2500#, change out kellys, rig up pick up machine and go in hole picking up drill string.
DC: \$9,270 CUM: \$904,618
DMC: \$ 132 CMC: \$ 59,831

WELL: LINMAR- D. MOON 1-23Z1
LOCATION: SEC. 23, T1N, R1W, DUCHESNE COUNTY, UTAH
OPERATOR: LINMAR ENERGY CORPORATION
CONTRACTOR: LORD DRILLING, RIG #3
OBJECTIVE ZONE: WASATCH FORMATION
ESTIMATED TD: 17,300' : PAGE 10

- 2-19-85 12,253' Day 75; Drilling, made 2' in 1 hr. MW 8.9, Vis 38, WL N/C, Cake 3, PH 11. Remarks: Pick up drill pipe, rig down pick up machine, break circulation down last 8 joints, tag cement at 12,112', drill cement and float collar, drill cement, to 12,180, pressure test casing to 13#/gal EMW, drill cement, go thru casing into hole, pressure test formation to 13/ppg EMW, tests held, wash and ream slowly to bottom, bit set on junk and torqued and bounced gently, wash above junk and set down again, bit torqued again, circulate bottoms up and pull out of hole for mill, pick up BHA, go in hole, cut line, go in hole, wash and ream 53' to bottom, mill on junk, make 2' of new hole. Pick up every foot, wash above junk and mill on junk washed to bottom. BGG: 1. TG: 1.
DC: \$182,259 CUM: \$1,086,877
DMC: \$ 182 CMC: \$ 60,013
- 2-20-85 12,254' Day 76; Drilling, made 1', MW 9.0, Vis 42, WL NC, Cake 3, PH 12. Remarks: Mill on junk until mill wore out, circulate and pull out of hole, pick up new mill and go in hole, mill on junk until mill wore out, circulate and pull out of hole, pick up magnet and clean junk subs, go in hole. Various sizes of pieces of metal in junk subs, metal is from casing. Metal cuttings in drilling fluid. BGG: 1
DC: \$11,517 CUM: \$1,098,394
DMC: \$ 355 CMC: \$ 60,222
- 2-21-85 12,254' Day 77; MW 9.0, Vis 37, WL 28, Cake 2, PH 12. Remarks: Pick up magnet and go in hole, circulate and work magnet on junk, pull out of hole, clean magnet and junk subs, go in hole, drill pipe slips broke, wait on slips 1.5 hrs.. Cut drilling line, go in hole and work magnet on junk, pull out of hole and clean magnet and junk subs, go in hole with magnet. Magnet has been covered with pieces of casing each trip to surface. Some pieces as large as 3" in diameter. Junk subs have had just small metal cuttings in them. Some metal cuttings still being circulated up in Drilling fluid. BGG: 1.
DC: \$9,725 CUM: \$1,108,119
DMC: \$ 644 CMC: \$ 60,866



STATE OF UTAH
NATURAL RESOURCES
Oil, Gas & Mining

Norman H. Bangerter, Governor
Dee C. Hansen, Executive Director
Dianne R. Nielson, Ph.D., Division Director

355 W. North Temple • 3 Triad Center • Suite 350 • Salt Lake City, UT 84180-1203 • 801-538-5340

April 1, 1985

Natural Gas Corp. of California
85 South 200 East
Vernal, Utah 84078

Gentlemen:

Re: Well No. Federal 23-29-D - Sec. 29, T. 8S, R. 16E
Uintah County, Utah - API #43-047-31586

This letter is to advise you that the "Well Completion or Recompletion Report and Log" for the above listed well is due and has not been filed with this office as required by our rules and regulations.

Please complete the enclosed Form OGC-3, and forward it to this office as soon as possible, but not later than April 15, 1985.

Sincerely,

Pam Kenna
Well Records Specialist

Enclosure

cc: Dianne R. Nielson
Ronald J. Firth
John R. Baza
File

0132S/4

STATE OF UTAH
DIVISION OF OIL, GAS AND MINING
OIL AND GAS INSPECTION RECORD

11-21-85
4:10 PM

OPERATOR Natural Gas Corp. LEASE U - 51081
WELL NO. Federal #23-29-D API 43-047-31586
NE/SW SEC. 29 T. 8 S R. 18 E CONTRACTOR _____
COUNTY Uintah FIELD Undesignated

DRILLING/COMPLETION/WORKOVER:

<input type="checkbox"/> APD	<input type="checkbox"/> WELL SIGN	<input type="checkbox"/> HOUSEKEEPING	<input type="checkbox"/> BOPE
<input type="checkbox"/> SAFETY	<input type="checkbox"/> POLL. CONTROL	<input type="checkbox"/> SURFACE USE	<input type="checkbox"/> PITS
<input type="checkbox"/> OPERATIONS	<input type="checkbox"/> OTHER		

SHUT-IN / TA :
☐ WELL SIGN ☐ HOUSEKEEPING ☐ EQUIPMENT* ☐ SAFETY
☐ OTHER

ABANDONED:

☒ Y MARKER ☒ Y HOUSEKEEPING ☒ Y REHAB. ☐ OTHER

PRODUCTION:

<input type="checkbox"/> WELL SIGN	<input type="checkbox"/> HOUSEKEEPING	<input type="checkbox"/> EQUIPMENT*	<input type="checkbox"/> FACILITIES*
<input type="checkbox"/> METERING*	<input type="checkbox"/> POLL. CONTROL	<input type="checkbox"/> PITS	<input type="checkbox"/> DISPOSAL
<input type="checkbox"/> SECURITY	<input type="checkbox"/> SAFETY	<input type="checkbox"/> OTHER	

GAS DISPOSITION:

☐ VENTED/FLARED ☐ SOLD ☐ LEASE USE

LEGEND: Y - YES OR SATISFACTORY
N - NO OR UNSATISFACTORY
NA - NOT APPLICABLE

*FACILITIES INSPECTED: Location, marker.

REMARKS: P & A'd 02-12-85, well information on sheet of iron welded to
post, rehab completed.

ACTION: _____

INSPECTOR: Ed Deputy DATE 11-21-85

Natural Gas
Corporation of
California

RECEIVED
JUL 17 1987

DIVISION OF
OIL, GAS & MINING

July 16, 1987

Bureau of Land Management
Vernal District
170 South 500 East
Vernal, Utah 84078

State of Utah
Division of Oil, Gas & Mining
355 West North Temple
3 Triad Center, Suite 350
Salt Lake City, Utah 84180-1203

Re: NGC Well #23-29-D
NE/SW Sec. 29, T8S, R18E
Uintah County, UT

Gentlemen,

Attached is form 3160-5, "Sundry Notices and Reports of Wells", Final Abandonment Report for the above referenced well.

If you need more information, please contact our Vernal office.

Very truly yours,

Eric F. Hadsell

Eric F. Hadsell *EH*
Lead Engineer

KH

Attachment

cc: S. Furtado (Rm 1449)
L. Jorgensen (Rm 1421)
W. G. Paulsell (Rm 1428)

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

SUBMIT IN TRIPLICATE*
(Other instruction re-
verse side)

Form approved.
Budget Bureau No. 1004-0135
Expires August 31, 1985

SUNDRY NOTICES AND REPORTS ON WELLS

(Do not use this form for proposals to drill or to deepen or plug back to a different reservoir.
Use "APPLICATION FOR PERMIT—" for such proposals.)

1. OIL WELL <input type="checkbox"/> GAS WELL <input checked="" type="checkbox"/> OTHER <input type="checkbox"/>		5. LEASE DESIGNATION AND SERIAL NO. U-51081 PA
2. NAME OF OPERATOR Natural Gas Corporation of California		6. IF INDIAN, ALLOTTEE OR TRIBE NAME 072213
3. ADDRESS OF OPERATOR 85 South 200 East, Vernal, UT 84078		7. UNIT AGREEMENT NAME
4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.* See also space 17 below.) At surface NE/SW 1853' FWL and 1870' FSL		8. FARM OR LEASE NAME Federal
14. PERMIT NO. 43-047-31586		9. WELL NO. 23-29-D
15. ELEVATIONS (Show whether DF, RT, GR, etc.) 4914' GL		10. FIELD AND POOL, OR WILDCAT Eight Mile Flat North
		11. SEC., T., R., M., OR BLK. AND SURVEY OR AREA Sec. 29, T8S, R18E
		12. COUNTY OR PARISH Uintah
		13. STATE Utah

16. Check Appropriate Box To Indicate Nature of Notice, Report, or Other Data

NOTICE OF INTENTION TO:		SUBSEQUENT REPORT OF:	
TEST WATER SHUT-OFF <input type="checkbox"/>	PULL OR ALTER CASING <input type="checkbox"/>	WATER SHUT-OFF <input type="checkbox"/>	REPAIRING WELL <input type="checkbox"/>
FRACTURE TREAT <input type="checkbox"/>	MULTIPLE COMPLETE <input type="checkbox"/>	FRACTURE TREATMENT <input type="checkbox"/>	ALTERING CASING <input type="checkbox"/>
SHOOT OR ACIDIZE <input type="checkbox"/>	ABANDON* <input type="checkbox"/>	SHOOTING OR ACIDIZING <input type="checkbox"/>	ABANDONMENT* <input type="checkbox"/>
REPAIR WELL <input type="checkbox"/>	CHANGE PLANS <input type="checkbox"/>	(Other) Final Abandonment <input checked="" type="checkbox"/>	

(NOTE: Report results of multiple completion on Well Completion or Recompletion Report and Log form.)

17. DESCRIBE PROPOSED OR COMPLETED OPERATIONS (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markers and zones pertinent to this work.)*

Natural Gas Corporation of California, as operator submits this final report of abandonment and requests final clearance for the 23-29-D. It is our opinion that the well has been properly rehabilitated and vegetation has taken sufficiently to allow final clearance.

RECEIVED
JUL 17 1987

DIVISION OF
OIL, GAS & MINING

18. I hereby certify that the foregoing is true and correct

SIGNED <u>Eric F. Hadsell</u>	TITLE <u>Lead Engineer</u>	DATE <u>July 15, 1987</u>
-------------------------------	----------------------------	---------------------------

(This space for Federal or State office use)

APPROVED BY _____ TITLE _____ DATE _____
CONDITIONS OF APPROVAL, IF ANY:

*See Instructions on Reverse Side